

Friday, 5/25/2007 8:36:41 AM

Kim Johnston

Process Sheet

POSITIVE RECALL

Customer Job Number

Prsht Rev.

First Issue

Previous Run

: CU-DAR001 Dart Helicopters Services

32645

: 12882 Estimate Number HIA

P.O. Number This Issue

: 5/25/2007

S.O. No. : N/A

: NC, MA

: SMALL /MED FAB Type

Written By

Checked & Approved By

Comment

New Issue 07.05.24

Project Number

Drawing Revision Material Due Date

Drawing Name

6061-T6 Bar .50" x 5.0"

Qty:

EFFECTIVE 67.06.05 AUTH C

RELEASED 07.06.06 DATE

: D3560042 Part Number

: D3560 REV.B **Drawing Number** · N/A

NIA

: 6/5/2007

: ARM

Each

Additional Product

Job Number:



Seq. #:

20

30

40

Machine Or Operation:

: Est Rev: A

Description:

M6061T6B0500X05000 1.0



43.9425 f(s) Total:

1.4648 f(s)/Unit Comment: Qty.: 6061-T6 Bar 0.50" x 5.00"

Batch: 17625

BAND SAW

Comment: BAND SAW

BAND SAW

Cut blanks 16.750" long

HAAS!

HAAS CNC VERTICAL MACHINING #1



Comment: HAAS CNC VERTICAL MACHINING #1

1- Mill as per Folio FA694 Rev: AA & Dwg D3560 Rev: S

2-C'sink 0.196" hole on manual mill as per dwg D3560

3-Deburr per dwg D3560

INSPECT PARTS AS THEY COME OFF MACHINE

QC2

Comment: INSPECT PARTS AS THEY COME OFF MACHINE



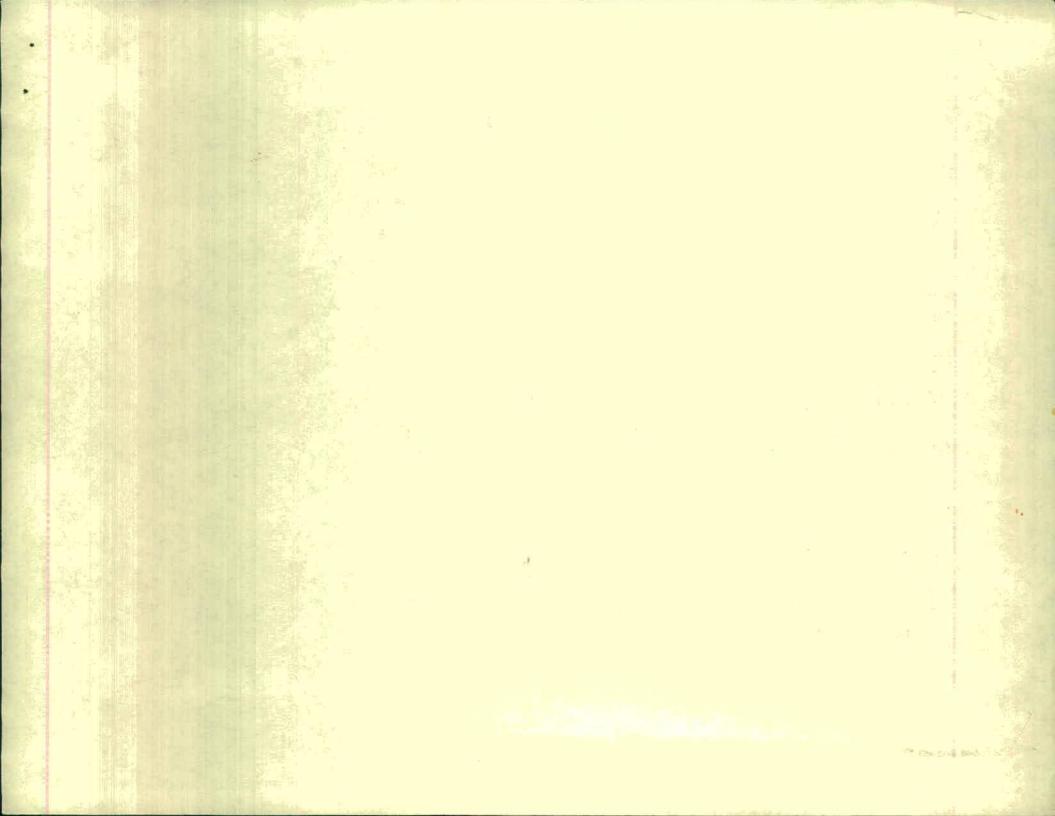
5.0

SECOND CHECK



mment: SECOND CHECK

w



Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
076.06		NO POWDER COST. CHEM CONV. COST ONLY. REF ATTACHED DS EMAIL Press Fit 02800 Bushing 4x B32752	F	07/06/12		67.06.06 PC 492 POTUBIN	67-06-07 67-06-12	

Part No:	PAR #:	Fault Category:	NCR: Yes No DQA:	Date:
			QA: N/C Closed:	Date:

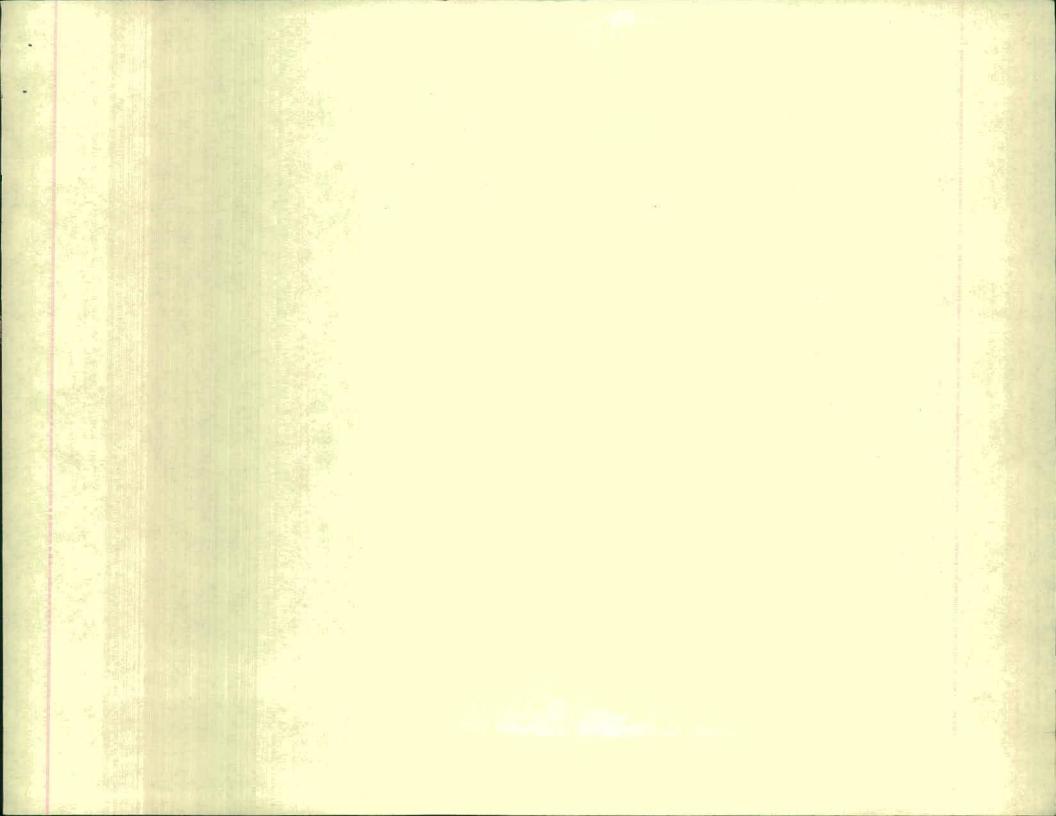
NCR:	N A		WORK ORD	ER NON-CONFORMAN	CE (NCR)			
DATE	STEP	Description of NC		Corrective Action Section B				
DATE		Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Verification Section C	Approval Chief Eng	Approval QC Inspector
	9					a		Y.
		<u> </u>			1			W -
								0
	12							a

NOTE: Date & initial all entries



-Friday, 5/25/2007 8:36:41 AM Date: User: Kim Johnston **Process Sheet** Drawing Name: ARM Customer: CU-DAR001 Dart Helicopters Services Job Number: 32645 Part Number: D3560042 Job Number: Description: Seq. #: Machine Or Operation: 6.0 D35921 Comment: Qty.: 1.0000 Each(s)/Unit Total: 30.0000 Each(s) PLATE 7.0 LARGE FAB 1 Comment: LARGE FABRICATION RESOURCE 1 E. 07.06.08 5 1-Weid assembly as per dwg D3560 INSPECT WORK TO CURRENT STEP 8.0 QC5 - 06 .V7 Comment: INSPECT WORK TO CURRENT STEP VISUAL WELDING INSPECTION 9.0 Comment: VISUAL WELDING INSPECTION HAND FINISHING RESOURCE #1 10.0 Comment: HAND FINISHING RESOURCE #1 Chemical Conversion Coat as per QSI 005 4.1 POWDER COATINGO 11.0 POSITIVE POWDER COM SEE WO CHANGE Comment: POWDER COATING Powder Coat White Gloss (Ref: 4.3.5.1) as per QSI 005 4.3 INSPECT POWDER COAT/C AEMICAL CONVERSION Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION 13.0 PACKAGING PACKAGING RESOURCE #1 Comment: PACKAGING RESOURCE #1 Identify and Stock Location:

Enrichment merchant



Date:

Friday, 5/25/2007 8:36:41 AM

Kim Johnston User: ·

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: ARM

Job Number: 32645

Part Number: D3560042

Job Number:



Seq. #:

Machine Or Operation:

Description:

14.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

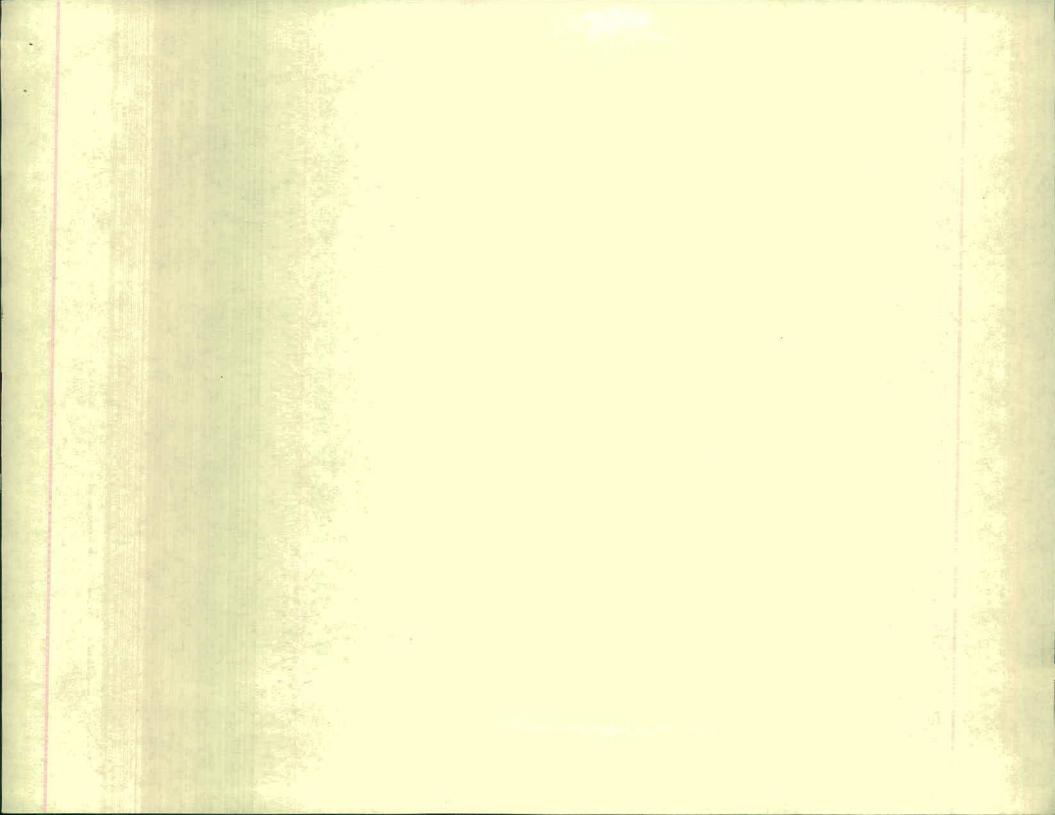
Job Completion



POSITIVE RECALL

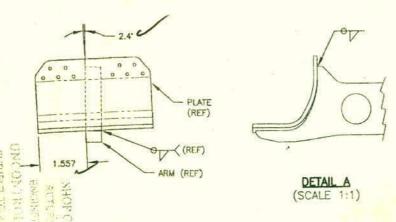
EFFECTIVE_____AUTH

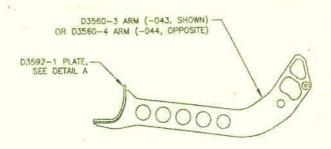
RELEASED 1



D3560-1 ARM (-041, SHOWN) OR D3560-2 ARM (-042, OPPOSITE) D3592-1 PLATE, SEE DETAIL A

D3560-041 ARM WELDMENT (SHOWN).
D3560-042 ARM WELDMENT (OPPOSITE)





D3560-043 ARM WELDMENT (SHOWN). D3560-044 ARM WELDMENT (OPPOSITE)

GENERAL NOTES

1) WELD PER QSI 004

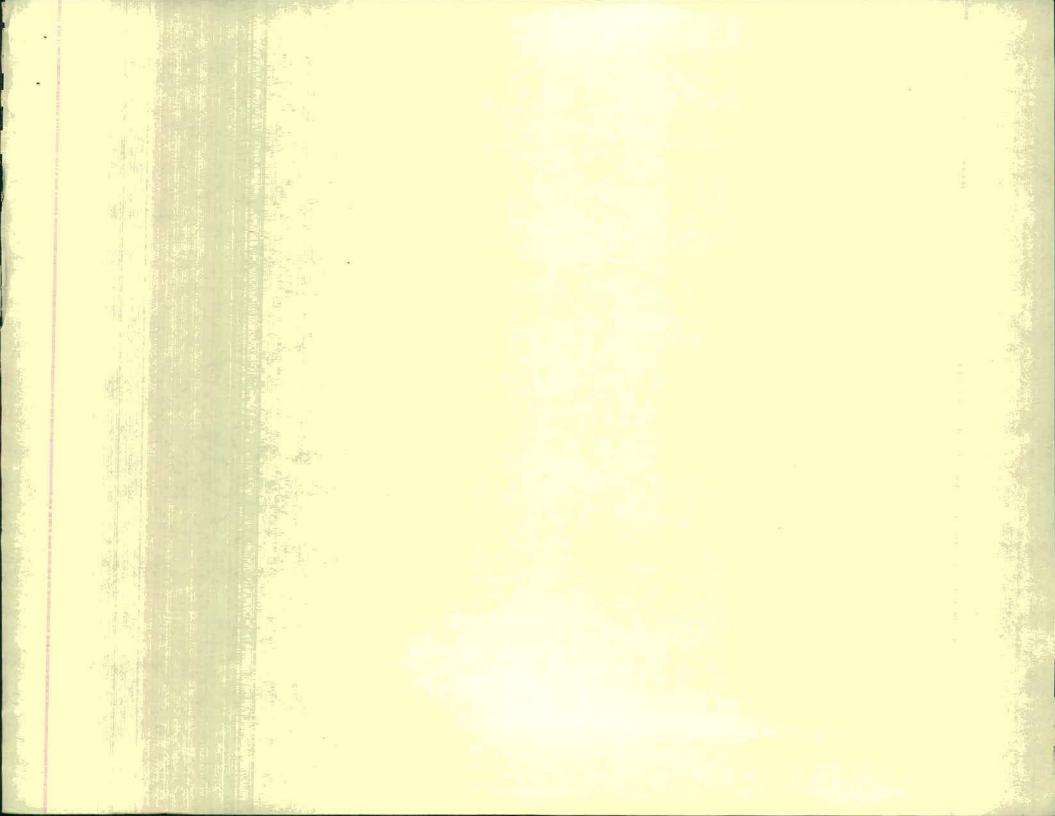
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1 POWDER COAT WHITE (4.3.5.1) PER DART QSI 004 4.3

 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

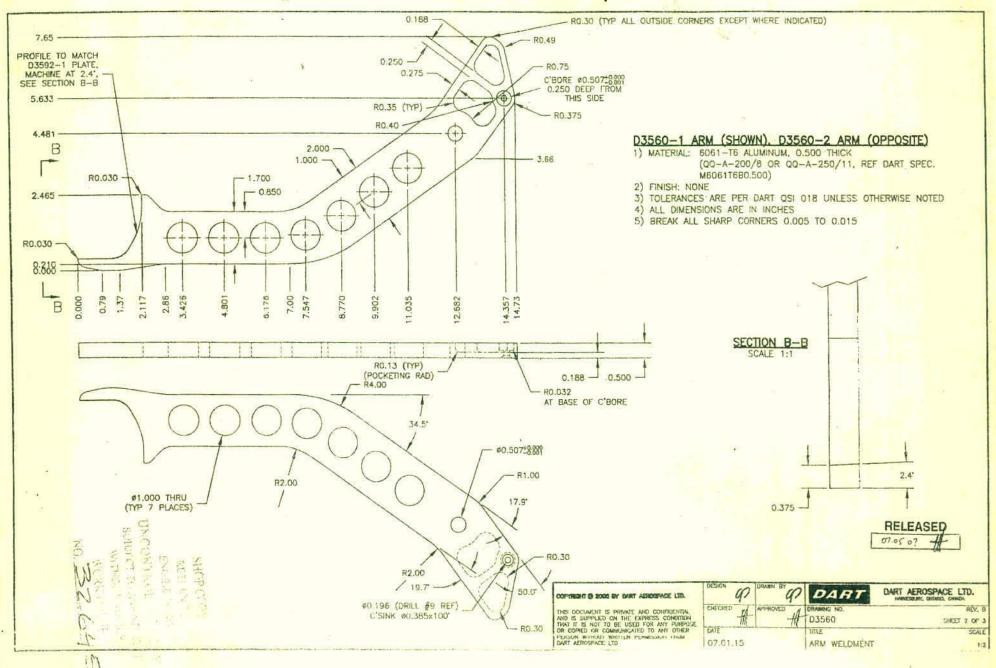
 4) ALL DIMENSIONS ARE IN INCHES

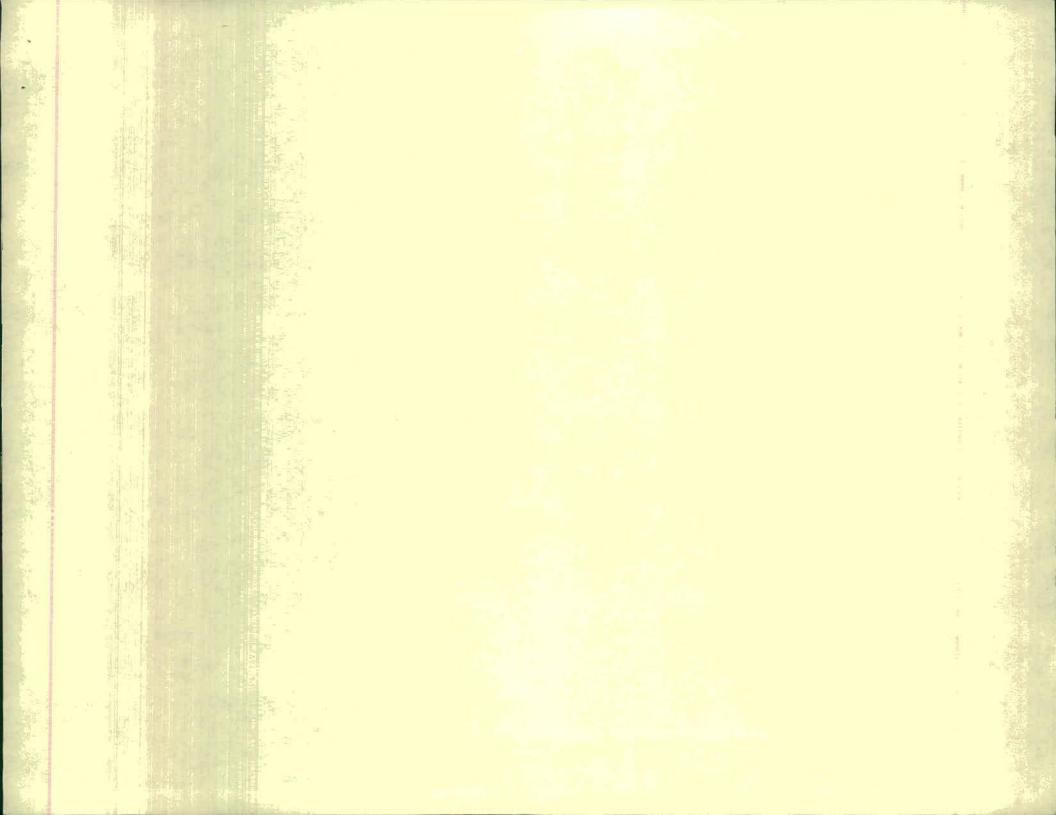
07.05.075

	В		07.01.15	REDESIGN AS	WELDMENT, ADD POCKETS
	A		06.09.25	NEW ISSUE	
COPYRIGHT @ 2005 BY DART ASSOSPACE LTD.	DESIGN	9	DRIAMN BY GO	DART	DART AEROSPACE LTD.
THIS DOCUMENT IS PROVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE.	CHECK	ED A	APPROVED A	DAAWING NO. D3560	HEV. (SHEET) OF :
OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERSONN FROM DAYS AEROSPACE LTD.	DATE OZ O	1.15		ARM WELDMENT	SOLI









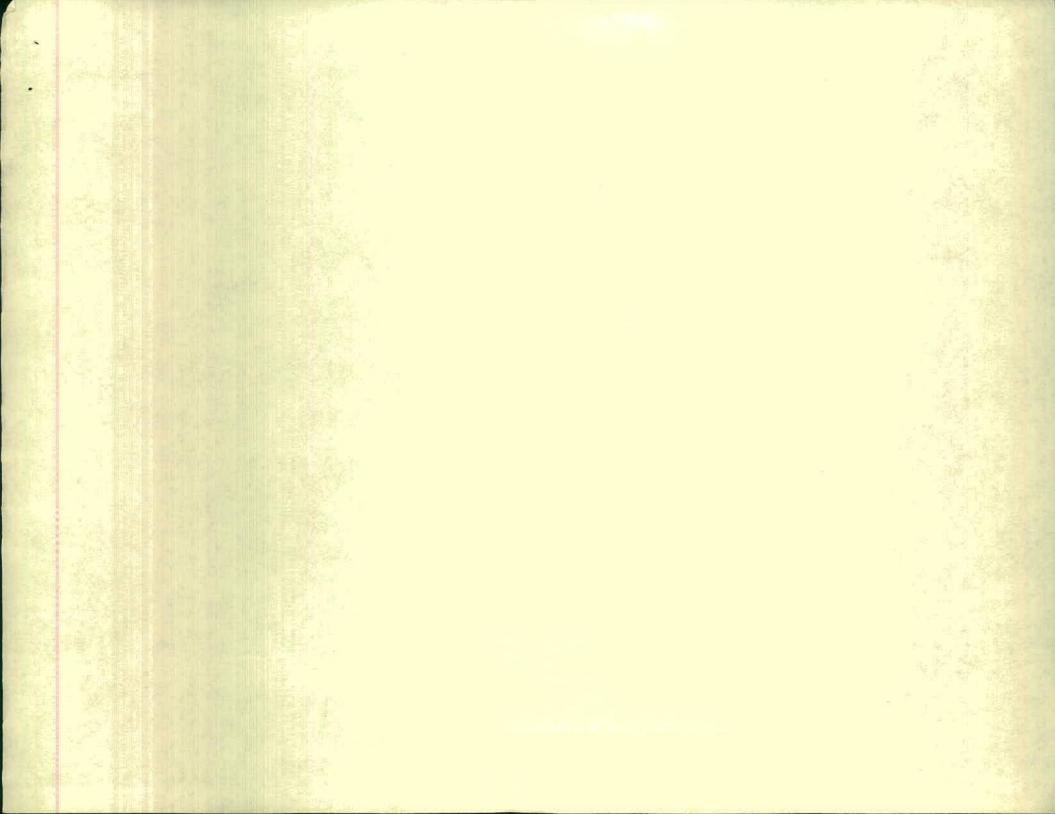
DART AEROSPACE LTD	Work Order:	326014
Description: Crosstube Assembly Arten	Part Number:	3560 2
Inspection Dwg: 73560 Rev: 3		Page: of 1

FIRST ARTICLE INSPECTION CHECKLIST

X	First Article	Prototype
-		

li Dr	nspection Sheet awing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	
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New Issue	在1997年 图整图 图 1997年	TKI/JLM



Chris Provencal

From:

David Shepherd [dshepherd@dartaero.com]

Sent:

June 5, 2007 5:18 PM

To:

'Chris Provencal'

Subject: RE: D3562-041/-042

As we have discussed previously, this is acceptable as long as the Magnabond doesn't break down.

David

From: Chris Provencal [mailto:cprovencal@dartaero.com]

Sent: Tuesday, June 05, 2007 11:00 AM To: David Shepherd (David Shepherd)

Subject: D3562-041/-042

David,

For the D3562-041/-042 step weldment, as discussed. They want to switch from Sikaflex to Magnabond, and powder coat after final assembly.

As part of this change, the D3560-XX arms won't be powder coated, and the D2808 Bushing won't be assembled until after final assembly of the step weldment.

Since this is the first time trying this, we will ensure that the steps are checked after powdercoating in case the Magnabond doesn anything unexpected (eg. bubbling). If we see anything suspect, we will assemble them the old way.

Is this acceptable.

-Chris

No virus found in this incoming message.

Checked by AVG Free Edition.

Version: 7.5.472 / Virus Database: 269.8.9/834 - Release Date: 6/5/2007 2:38 PM

No virus found in this outgoing message.

Checked by AVG Free Edition.

Version: 7.5.472 / Virus Database: 269.8.9/834 - Release Date: 6/5/2007 2:38 PM

